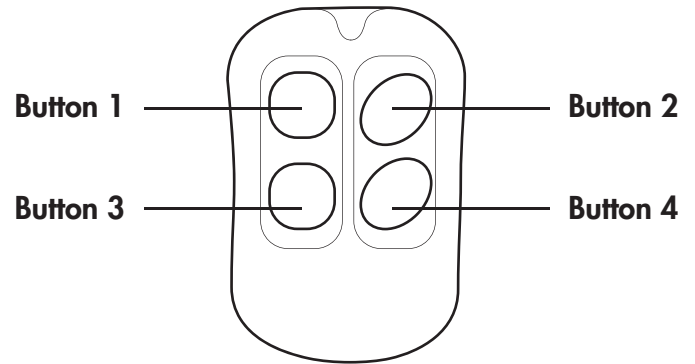


USER GUIDE AND INSTALLATION MANUAL KEYLESS ENTRY SYSTEM

KL400 4 channel system

Button	Function
1	Enable starter/ignition kill and lock door 1st channel output
2	Disable starter/ignition kill and unlock door 2nd channel output
3	3rd channel output
4	4th channel output



Preprogrammed Remote Transmitter

USER GUIDE

CODE LEARNING

- Turn the ignition key ON-OFF / ON-OFF / ON-OFF 8 times. The interval between ON and OFF must not be more than 2 seconds. After 8 times, turn KEY to ON position.
- The parking lights will flash once to indicate enter code learning mode, Press any button to be learnt, the parking lights will flash once for confirmation. Learning one remote control will be followed with one flash. Up to 4 remote controls can be learnt.
- Turn KEY OFF or 5 seconds later, system will exit code learning.
- The system use rolling code for learning.

REMOTE DOOR LOCKING

Press button 1, the parking lights will flash once. The engine starter kill will be enabled, the lock output will pulse for 1 second or until button 1 is released.

REMOTE DOOR UNLOCKING

Press button 2, the parking lights will flash twice. The engine starter kill will be disabled, the unlock output will pulse for 1 second or until button 2 is released.

EMERGENCY OVERRIDE

If remote control is failed or lost when starter was disabled, Please perform the following steps:

- Turn the ignition key ON-OFF / ON-OFF / ON-OFF 5 times. The interval between ON and OFF must not be more than 2 seconds. After 5 times, turn ACC to ON position.
- The parking lights will flash twice. The engine starter will be enabled, the unlock pulse will be output for 1 second.

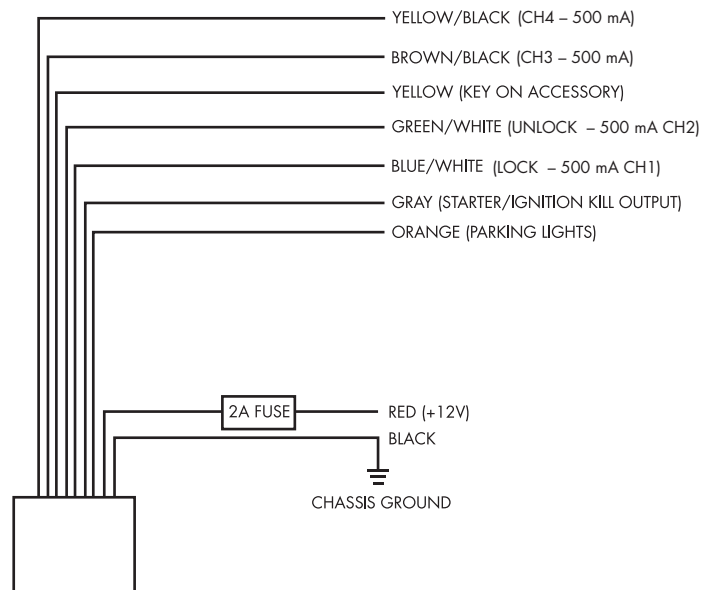
CH 3 OUTPUT (Button 3)

Press button 3 output until the button 3 is released.

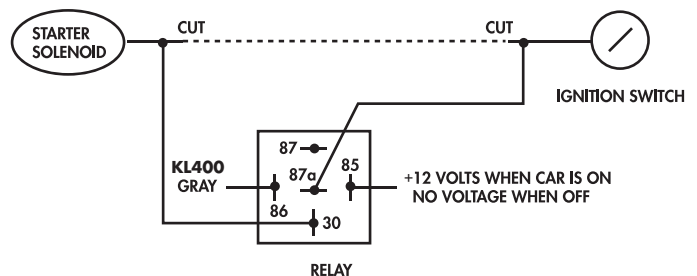
CH 4 OUTPUT (Button 4)

Press button 4 to output the CH4 until the button 4 is released.

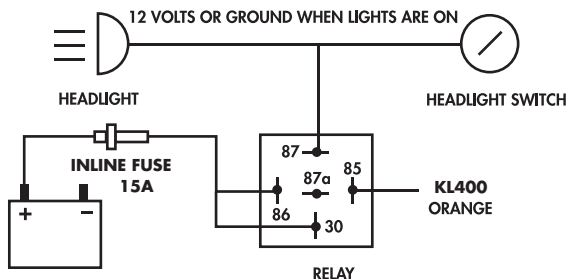
WIRING DIAGRAM



STARTER/IGNITION KILL

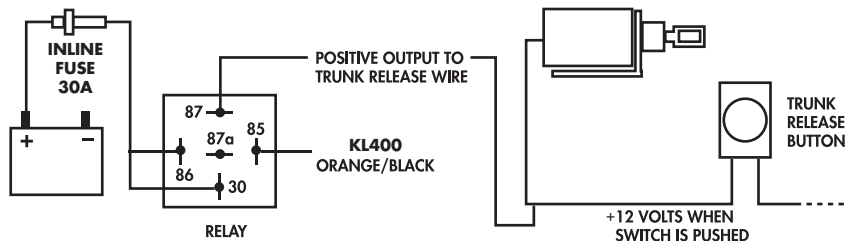


PARKING LIGHTS



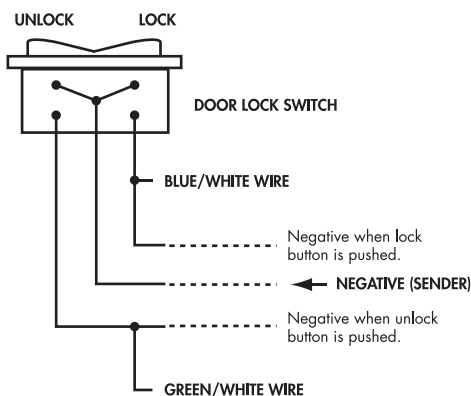
NOTE: If parking lights are negative trigger, then connect 30 to chassis ground.

TRUNK/SHAVED DOOR HANDLE TRIGGER



DOOR LOCK WIRING DIAGRAMS

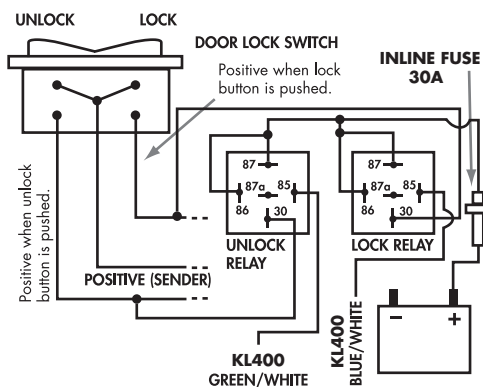
NEGATIVE SYSTEM



Negative and Positive triggers are the two main types of door locking systems. To determine the type of system you have simply connect the testlight wire to a ground (-), then probe all wires from your door lock switch to determine the Lock and Unlock wire.

1. If you come to a wire that LOCKS your doors when probed (-), then you have found the lock wire. Connect the BLUE/WHITE wire from the keyless entry unit to this wire.
2. If you come to a wire that UNLOCKS your doors when probed (-), then you have found the unlock wire. Connect the GREEN/WHITE wire from the keyless entry unit to this wire.

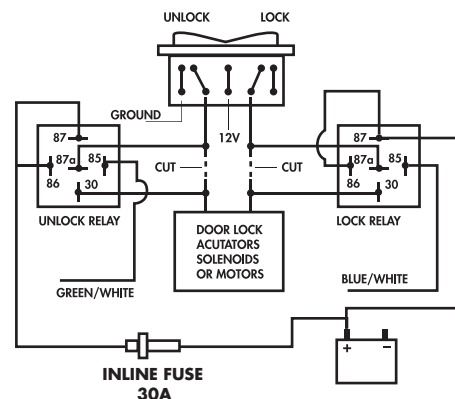
POSITIVE SYSTEM



If you can not find a wire that will lock or unlock your doors with a negative trigger then you have a positive trigger system. Connect the test light wire to 12 volts (+). Now probe all wires to determine the Lock and Unlock wire.

1. If you come to a wire that LOCKS your doors when probed (+), then you have found the lock wire. Using the wire diagram connect this wire to terminal 30 of the lock relay.
2. If you come to a wire that UNLOCKS your doors when probed (+), then you have found the unlock wire. Using the wire diagram connect this wire to terminal 30 of the unlock relay.
3. Connect the GREEN/WHITE wire from the keyless entry unit to terminal 85 of the unlock relay.
4. Connect the BLUE/WHITE wire from the keyless entry unit to terminal 85 of the lock relay.
5. Connect terminal 86 and 87 of both relays to a constant 12 volt power source (battery).

REVERSE POLARITY SYSTEM



If you can not find a wire that will lock or unlock your doors when given a positive, or negative trigger then you have a reverse polarity system. Your switch should have at least 5 wires. 2 wires will be grounded, 1 wire will have power when you push the window switch "UP", 1 wire will have power when you push the window switch "down", and 1 wire will have a constant 12 volts.

1. Cut the factory unlock wire.
2. Connect the factory unlock wire that comes from the switch to terminal 87a, of the unlock relay.
3. Connect the other side of the factory unlock wire to terminal 30, of the unlock relay.
4. Cut the factory lock wire.
5. Connect the factory lock wire that comes from the switch to terminal 87a, of the lock relay.
6. Connect the other side of the factory lock wire to terminal 30 of the lock relay.
7. Connect constant 12v power source (battery) to terminals 86 and 87 on both unlock and lock relays.
8. Connect the BLUE/WHITE wire to terminal 85 of the lock relay.
9. Connect the GREEN/WHITE wire to terminal 85 of the unlock relay.